Lab 1: Linux and You

Author(s)

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Level 0

level0@management:~$ ls

README

level0@management:~$ cat README Congratulations! You figured out how to print.

flag{level1:RjMY4zR6,4kaFXeBB;%K4#KiKbK6qYmoj}keAGVc}

Level 1

level1@management:~$ ls README level1@management:~$ cat README There is a file hidden in this directory. Can you use ls to find it?

level1@management:~$ ls -la total 48 drwx—— 4 level1 level1 4096 Jun 25 2019 . drwxr-xr-x 12 root root 4096 Aug 29 2016 .. -rw-r–r– 1 level1 level1 220 Aug 29 2016 .bash_logout -rw-r–r– 1 level1 level1 3771 Aug 29 2016 .bashrc drwx—— 2 level1 level1 4096 Jun 25 2019 .cache -rw——- 1 level1 level1 28 Jun 25 2019 .lesshst -rw-r–r– 1 level1 level1 655 Aug 29 2016 .profile -rw-r–r– 1 level1 root 70 Aug 29 2016 README -rw-r–r– 1 level1 root 82 Jun 24 2019 .README drwx—— 2 level1 level1 4096 Jun 25 2019 .ssh -rw——- 1 level1 level1 741 Jun 24 2019 .viminfo -rw——- 1 level1 level1 168 Jun 25 2019 .Xauthority

level1@management:~$ cat .README Congrats! You found the hidden file.

flag{level2:W7RU>asPZP846[P6J6(44PVXAW7R6p}

Level 2

level2@management:~$ cat this file has tons of spaces

flag{level3:t{4Z49Z9RUj4MZ2}bMg32e7u9ek;yv}

Level 3

level3@management:~$ ls in here level3@management:~$ cd in here/ level3@management:~/in here$ ls in here level3@management:~/in here$ cd in here/ level3@management:~/in here/in here$ ls README level3@management:~/in here/in here$ cat README Here it is

flag{level4:Rneb9Prg82m3J2c8T%x266V$9L$dLm}

Level 4

level4@management:~$ find . -type f

./.bashrc   ./.viminfo   ./.cache/motd.legal-displayed   ./README   ./.profile   ./.ssh/known_hosts   ./5/2/8/7/FOUND   ./listmyfolder.txt   ./.Xauthority   ./.bash_logout

level4@management:~$ cat 5/2/8/7/FOUND

flag{level5;fYFJYEL47u8A4k78k6^*ho$y32ouE8}

Level 5

level5@management:~$ cat FINDIT | grep -o 'flag{.*}'

flag{level6:64%7?Emr6bWa697yALNJJd39>gT8jP}

Level 6

level6@management:~$ ls HERE* | xargs cat | grep -o "flag{.*}"

flag{level7:E%o7JCj4G7qVm8e9JX382gA23)G#NL}

Level 7

$ cat spinning | tr '[q-za-p]' '[a-z]' | tr '[Q-ZA-P]' '[A-Z]'

flag{level8:WPcK8d*o9orNo47>MPeYo4638XC?66}

Level 8

level8@management:~$ cat README

flag{Congratulations!; bp7GDV6RdVhk92f6o9G^74k4.8az?L}